



Our Know-how – Your Advantage

- KTW-BWGL for cold 23°C, warm 60°C and hot water 85°C → Hot Water Approval
- KTW-BWGL P2/P3 certification
- KTW-BWGL P1 partial certification
- WRAS for cold 23°C, warm 65°C and hot water 85°C
- Very good compression set at higher temperatures
- Improved flow behavior
- Improved demolding properties
- Colorable
- Hardness from 53 Shore A to 35 Shore D
- Adhesion to PP and PE
- Optimized for injection molding

Hartmut Arheidt

Market Manager Industry

“With our trendsetting new Hot Water TPE, we are meeting the requirements of the new KTW-BWGL and WRAS (BS6920).

This minimizes the approval effort for our customers and accelerates the introduction of next-generation applications.”

Typical Applications

- Sealings with drinking water contact like showers, household appliances, water installations, heating systems, water meters
- Fittings
- Shower heads / jet former mats
- Design elements
- Membranes



Technical Data

DW/CS2 Series		DW50CX-LCNT	DW80CX-LCNT	DW00CX-LCNT
Hardness	Shore	53 ShA	85 ShA	35 ShD
Density	g/cm ³	0.900	0.900	0.900
Tensile Strength	MPa	12.0	28.0	32.0
Elongation at Break	%	650	780	750
Tear Resistance	N/mm	60.0	47.0	60.0
CS 72h/23°C	%	25	40	50
CS 24h/70°C	%	38	53	61
Color		translucent	translucent	translucent

TALK TO OUR EXPERTS!

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